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(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): VAN DIJK, Roy [NL/NL]; C/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DE ZWART, Siebe, T. [NL/NL]; C/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN GORKOM, Ramon, P. [NL/NL]; C/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DEN BRINK, Hendrikus, B. [NL/NL]; C/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

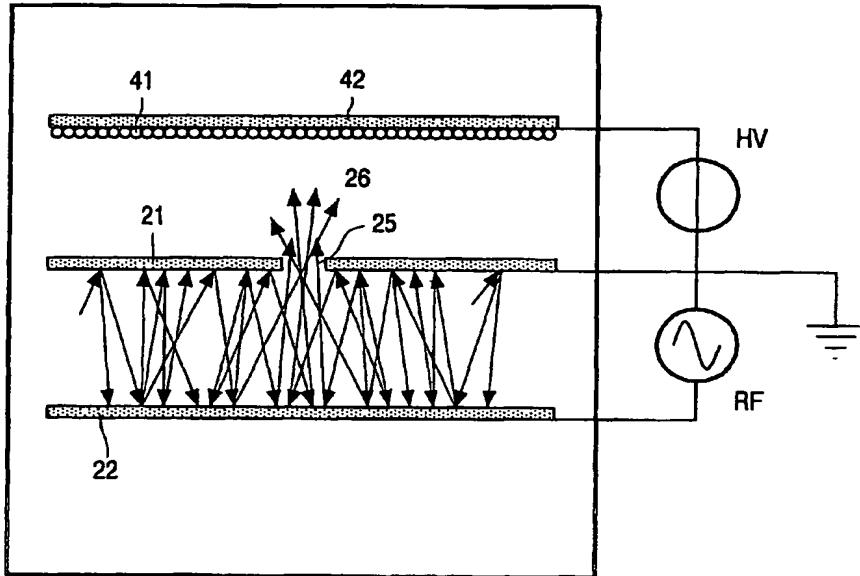
(74) Agent: DEGUELLE, Wilhelmus, H., G.; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(54) Title: MATRIX DISPLAY DEVICE



(57) Abstract: A matrix display device comprises cavities (20) having walls at least one of which is covered with a material (24) having a secondary emission coefficient of more than unity. The cavities form a planar arrangement substantially parallel to the display screen which has a phosphor display screen. The cavities are provided with electrodes (21, 215, 217, 22, 225, 228) and the display device has a circuit for supplying an oscillating AC voltage (Vr, VRF) to said electrodes (21, 215, 217, 22, 225, 228) for generating electrons within the cavities by secondary emission. The cavities (20) have apertures (25) facing the screen (41), and the display device has a circuit for selectively letting electrons generated within the cavities pass said apertures and accelerating electrons having passed said apertures to the phosphor display screen.

WO 2004/006282 A1